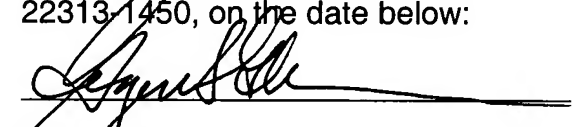




AF
JFW

Patent
PD-201151
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ernest C. Chen et al. : I hereby certify that this correspondence is
: being deposited with the United States Postal
: Service with sufficient postage as first class
: mail in an envelope addressed to:
Serial No.: 10/068,047
Filed: February 5, 2002
For: DUAL LAYER SIGNAL
PROCESSING IN A LAYERED
MODULATION DIGITAL SIGNAL
SYSTEM
: Mail Stop AF, Commissioner for Patents,
: P. O. Box 1450, Alexandria, VA
: 22313-1450, on the date below:
: 
: Georgann S. Grunebach
: Typed or printed name of person signing certificate
Group Art Unit: 2631
Examiner: Juan A. Torres : Date: March 8, 2006

SUPPLEMENTAL DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97 (d)
WITH FEE AS SET FORTH IN §1.17(p)

Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

This statement should be considered because it is submitted after the period specified under 37 C.F.R. §1.97(c), but filed on or before payment of the issue fee as set forth in 37 C.F.R. § 1.97(d).

03/14/2006 YPOLITE1 00000075 500383 10068047

01 FC:1806 180.00 DA

Certification Under 37 C.F.R. §1.97(e)

Each item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application of a related U.S. patent application not more than three months prior to the filing of the information disclosure statement (certification under 37 C.F.R. § 1.97 (e)(1)).

PAYMENT OF FEE SET FORTH IN §1.17(p)

Please charge Deposit Account No. **50-0383** of Hughes Electronics Corporation, El Segundo, California, in the amount of **\$180.00**. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to that account. **This form is being submitted in duplicate.**

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,


By: 

Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.
RE/R11/A109
P. O. Box 956
El Segundo, CA 90245

Telephone No. (310) 964-4615

March 8, 2006

Substitute for Form PTO/SB/08B		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		Application Number	10/068,047
		Filing Date	February 5, 2002
		First Named Inventor	Ernest Chen
		Art Unit	2631
		Examiner Name	TORRES, Juan A.
Date: March 8, 2006			
Sheet 1 of 1		Attorney Docket Number	PD-201151

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
		MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; 1998; John Wiley & Sons, pages 212-213, 217-218, XP002364874	
		MEYR, HEINRICH et al.; "Digital Communication Receivers: Synchronization, Channel Estimation, and Signal Processing"; 1998; John Wiley & Sons, pages 610-612, XP002364876	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.